

SECTION 32 17 23

PAVEMENT MARKINGS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Traffic line paint.
- B. Application of traffic striping and control markings.

1.02 RELATED SECTIONS

- A. Asphalt pavement is specified in Section 32 12 16 - Asphalt Paving.
- B. Concrete pavement is specified in Section 32 13 13 - Concrete Paving.
- C. Concrete curbs, gutters, and walks are specified in Section 32 16 21 - Concrete Curbs, Gutters, and Walks.
- D. All other painting is specified under Division 9, Finishes.

1.03 MEASUREMENT AND PAYMENT

- A. Measurement: Pavement marking will be measured for payment by the lump sum method, acceptably performed and completed.
- B. Payment: Pavement marking will be paid for at the indicated Contract lump sum price, as indicated in the Bid Schedule of the Bid Form.

1.04 REFERENCES

- A. State of California, Department of Transportation (Caltrans), Standard Specifications, 1992 edition:
 - 1. Section 84 Traffic Stripes and Pavement Markings
- B. California Air Resources Board (CARB):

Latest regulations governing permissible content of Volatile Organic Compounds (VOC) in paints

1.05 SUBMITTALS

- A. General: Refer to Section 01 33 00 - Submittal Procedures, and Section 01 33 23 - Shop Drawings, Product Data, and Samples, for submittal requirements and procedures.
- B. Shop Drawings: Submit drawings and diagrams, indicating stripe width of roadway divider stripes and parking stalls, configuration and dimensions of directional arrows, style and size of letters for "compact car" designation, configuration and dimensions of international handicapped

symbol, and any other traffic control markings on pavement, such as "in" and "out" or "enter" and "exit" designations as indicated.

- C. Certificate of Compliance: Submit evidence or affidavit that certifies that paint to be used complies with latest CARB/VOC regulations.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Traffic Line Paint: Provide paint conforming with the requirements of Section 84-3 of the Caltrans Standard Specifications, white in color for traffic striping, parking stalls, and other control markings on pavement, yellow in color for traffic control markings where indicated, blue in color for accessible parking stalls, red in color for curbs where no parking is indicated, white in color for curbs where passenger discharge and pickup are indicated, and white-yellow-green striping on curbs where taxicab parking is indicated.
 - 1. Provide glass beads only for traffic stripes and control markings on road or street pavements.

PART 3 - EXECUTION

3.01 APPLICATION

- A. Provide traffic striping and control markings on pavement and parking stalls in accordance with the layout, configurations, and dimensions indicated on the Contract Drawings and approved Shop Drawings.
- B. Paint application equipment shall conform with the applicable requirements of the Caltrans Standard Specifications.
- C. Traffic control markings and parking stalls shall be applied with the use of substantial cutout patterns and templates, or with striping equipment that applies straight, uniform width, sharp lines. Coverage of paint shall be thorough and complete in accordance with the paint manufacturer's instructions and recommendations.
- D. Where "enter" and "exit" control markings are side-by-side on pavements, indicating two-way traffic, such "enter" and "exit" designations shall be different colors, such as white and yellow, with a centerline separating the two directions of traffic.
- E. Traffic control markings and parking stalls shall be sharp and accurate, straight where required, without fuzziness at edges of lines.
- F. Accessible parking stalls shall include the International Symbol for Accessibility.
- G. At completion, the Contractor shall check the work thoroughly and shall touchup traffic control markings and parking stalls that are not distinct or thorough in coverage, or are not uniform in color.

END OF SECTION 32 17 23